



VOLUME

3

GROUP
ChassisNUMBER
010MODEL
SorentoDATE
December 2002

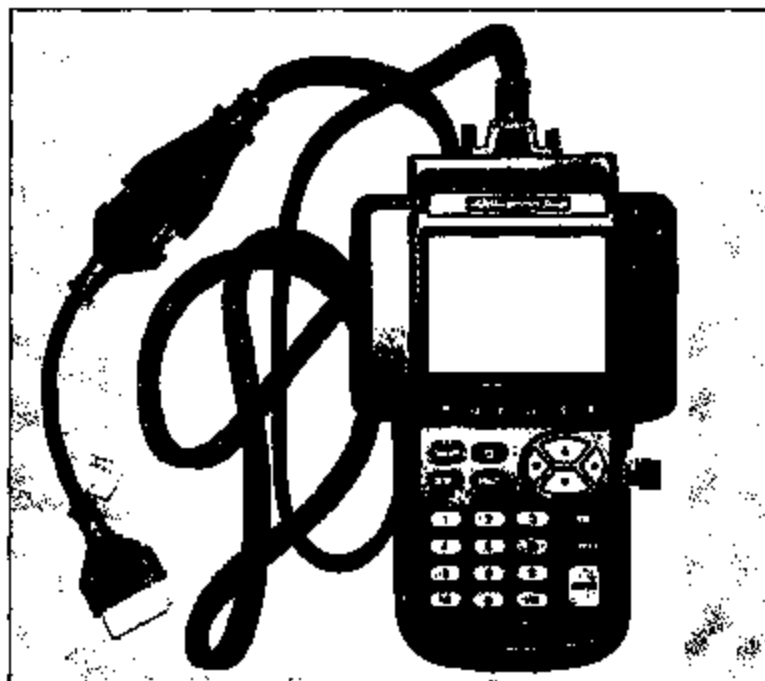
Technical Service Bulletin

SUBJECT**Sorento EX Steering Feel**

This bulletin provides information relating to an Electronic Power Steering (EPS) logic change to improve steering feel. EPS is the vehicle speed sensing type power steering used in Sorento EX models.

From 10/15/02 production, the EPS software logic was revised to increase steering effort at higher vehicle speeds to improve steering feel.

For 2003MY Sorento EX vehicles produced before 10/15/02 with complaints of light steering feel at high speeds, reprogramming software has been made available for the Hi-Scan Pro for use as a field fix.



Refer to the inspection and reprogramming procedures outlined in the following pages.

File Under: Chassis

Circulate To: ☒ General Manager ☒ Service Manager ☒ Parts Manager
☒ Service Advisor(s) ☒ Technician(s) ☒ Body Shop Manager

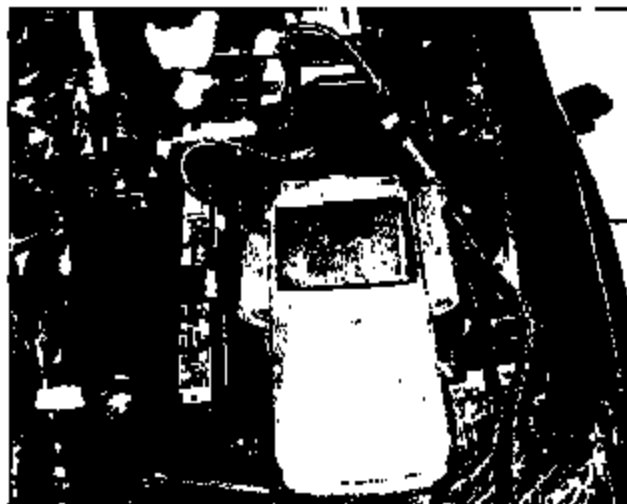
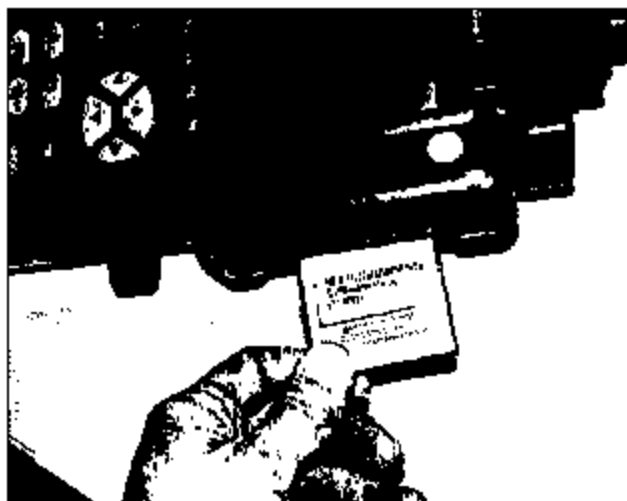
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SUBJECT:

Sorento EX Steering Feel

REPROGRAMMING PROCEDURE:

1. Remove program card from the upper slot of the Hi-Scan Pro and insert the reprogramming card.
2. Connect the Hi-Scan Pro to the under hood data link connector using the red 20 pin adapter.
3. Turn ignition key on.
4. Turn Hi-Scan Pro tool on, select "07 SORENTO STEERING IMPROVEMENT" then press the "ENTER" key.



ITEM SELECTION	
01. SEDONA 3.5L COLD HESITATION	
02. SEDONA AIR BAG REPROGRAM	
03. OPTIMA AT 2-3 SHIFT FLARE	
04. OPTIMA 2.5 O2 SENSOR	
05. OPTIMA 2.4D THERMOSTAT ERROR (P0128)	
06. OPTIMA 2.4D REAR O2 SENSOR (P0139)	
07. SORENTO STEERING IMPROVEMENT	
08. SOFTWARE DOWNLOAD	
FI : CARD INFORMATION	

SUBJECT:**Sorento EX Steering Feel**

5. Select "01 BL STEERING IMPROVE [AUTO MODE]," then press the "ENTER" key.

BL RE-PROGRAMMING
01. BL STEERING IMPROVE [AUTO MODE]
02. BL SEERING IMPROVE [ERROR MODE]

6. At the prompt, enter your password "0525," then press the "ENTER" key.

BL RE-PROGRAMMING
01. BL STEERING IMPROVE [AUTO MODE]
02. BL STEERING IMPROVE [ERROR MODE]

ENTER YOUR PASSWORD : 0525

7. Reprogramming will proceed automatically as shown.

RE-PROGRAMMING
058-0085-013-087 → 058-0085-016-087

NOW REPROGRAMMING...
PLEASE WAIT FOR A MINUTE

SUBJECT:

Sorento EX Steering Feel

8. When "REPROGRAMMING COMPLETED" message is displayed, turn off Hi-Scan Pro and ignition key.
9. Disconnect Hi-Scan Pro from the vehicle, start engine and check for normal operation.

Note: If reprogramming was interrupted or did not complete properly, go to step 10.

10. Turn ignition key on.
11. Turn Hi-Scan Pro tool on, select "07 SORENTO STEERING IMPROVEMENT," then press the "ENTER" key.

12. Select "02 BL STEERING IMPROVE [ERROR MODE]," then press the "ENTER" key.

RE-PROGRAMMING

NEW EPS ID : 058-0085-016-087

**REPROGRAMMING COMPLETED !
IGNITION KEY OFF !**

ITEM SELECTION

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FI : CARD INFORMATION

BL RE-PROGRAMMING

01. BL STEERING IMPROVE [AUTO MODE]

SUBJECT:**Sorento EX Steering Feel**

13. Select "01 BL STEERING IMPROVE," then press the "ENTER" key.

BL RE-PROGRAMMING
01. BL STEERING IMPROVE : 95600-3E400

14. At the prompt, enter your password "3400," then press the "ENTER" key.

BL RE-PROGRAMMING
01. BL STEERING IMPROVE : 95600-3E400
ENTER YOUR PASSWORD : 3400

15. Reprogramming will complete automatically as shown.

RE-PROGRAMMING
FORCED → 058-0085-016-087
NOW REPROGRAMMING... PLEASE WAIT FOR A MINUTE

SUBJECT:**Sorento EX Steering Feel**

16. When "REPROGRAMMING COMPLETED" message is displayed, turn off Hi-Scan Pro and ignition key.
17. Disconnect Hi-Scan Pro from the vehicle, start engine and check for normal operation.
18. Road test vehicle.

RE-PROGRAMMING**NEW EPS ID : 058-0085-016-087****REPROGRAMMING COMPLETED !
IGNITION KEY OFF !****AFFECTED PRODUCTION RANGE:**

2003MY Sorento EX models produced before 10/15/02.

WARRANTY CLAIM INFORMATION:

Claim Type	Causal P/N	Qty.	Cond. Code	Cause Code	Repair Description	Labor OP Code	Time	Related Parts	Qty.
W	95800 3E200	0	N43	C40	Reprogram EPS	95913A0F	0.2	None	0